

## Zand, Kambiz

---

**From:** PLUS  
**Sent:** Monday, February 28, 2005 12:47 PM  
**To:** Zand, Kambiz  
**Subject:** PLUS Results for 09601222

Here are the PLUS search results for 09601222.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to [PLUS@uspto.gov](mailto:PLUS@uspto.gov).



09601222\_QUAL.txt



09601222\_LIST.txt



09601222\_WEST.txt



09601222\_EAST.txt



09601222.east



09601222\_CLS.txt



09601222\_CLSTITLES.t  
xt



09601222\_WDS.txt

22

PLUS Search Results for S/N 09601222, Searched February 28, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are

most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5892828  
5668877  
5818936  
6026167  
6091820  
6005945  
6381454  
6546243  
6665530  
5838903  
5995624  
6105133  
5956407  
5974151  
5680452  
4962533  
5812764  
6219421  
6219421  
6256741  
5452431  
5912453  
5784463  
6415370  
5917421  
6202924  
6158004  
5555309  
5584022  
6397329  
5491752  
5202921  
5351298  
5418854  
5452357

09601222\_LIST

5469564  
5497421  
5534857  
5588060  
5604803  
5633933  
5659616  
5721780  
5732137  
5956404  
6029247  
6216231  
6216231  
6285991  
6301660

able 5  
above 2  
absence 1  
abstract 1  
accepted 2  
access 7  
accessible 1  
accompanying 1  
accordance 5  
according 4  
achild 1  
acquired 1  
add 1  
addition 1  
adopted 1  
advantages 1  
aim 1  
allocate 2  
allocated 22  
allocation 3  
allow 1  
along 4  
already 6  
also 2  
although 3  
amounts 2  
an 8  
and 71  
any 2  
applicable 1  
application 59  
applications 15  
approved 1  
arborescent 1  
are 10  
arrive 1  
art 1  
as 11  
assigned 1  
associate 1  
associated 12  
at 11  
attached 1  
attempted 3  
attributed 1  
authentication 2  
authorisation 1  
authorisations 1

authorised 2  
authorising 2  
available 2  
axis 5  
bank 1  
banking 1  
be 16  
bearer 3  
because 2  
been 14  
being 8  
belonging 2  
between 5  
black 1  
both 1  
breaking 1  
broken 1  
but 1  
by 14  
calculated 1  
called 1  
can 6  
capacity 1  
card 19  
cards 2  
carrier 1  
case 1  
certain 3  
characterised 3  
characterises 1  
characteristics 1  
child 1  
circle 2  
code 3  
commencing 1  
comprises 2  
comprising 1  
computer 4  
concerned 1  
concerns 4  
conditions 6  
conferring 1  
confers 1  
connecting 1  
consisting 6  
consists 1  
contain 3  
containing 3

contains 3  
 correctly 2  
 correspond 3  
 corresponding 1  
 created 3  
 criteria 1  
 crkptogram 1  
 cu 1  
 current 22  
 data 11  
 deallocate 1  
 deallocation 2  
 dedicated 5  
 define 1  
 definitions 1  
 degree 1  
 delimiters 1  
 dependent 1  
 described 4  
 description 3  
 designates 3  
 desirable 2  
 different 1  
 digits 1  
 directories 13  
 directory 81  
 directqry 1  
 disclosed 1  
 discovered 3  
 disk 1  
 does 13  
 drawback 3  
 drawbacks 2  
 drawings 1  
 dynamic 1  
 dzvrip 1  
 each 7  
 earliest 1  
 effect 1  
 effected 1  
 eight 2  
 embodiments 1  
 emerge 1  
 encountered 1  
 end 1  
 equivalent 1  
 ess 1  
 etc 1

euliws 1  
even 1  
example 10  
examples 8  
except 1  
exchanging 2  
exist 10  
existence 4  
exists 17  
external 1  
failed 2  
field 1  
fifth 1  
figure 31  
figures 15  
file 4  
files 6  
first 4  
following 7  
follows 2  
for 16  
found 3  
foundation 1  
four 1  
from 6  
fulfil 1  
fulfilled 1  
fulfilling 1  
function 23  
functions 3  
gcuu 1  
general 1  
ght 1  
given 3  
gives 1  
grandparent 2  
granted 23  
granting 1  
grey 1  
hard 1  
has 16  
have 8  
having 2  
he 2  
health 1  
hierarchical 13  
hierarchy 1  
high 2

higher 1  
highest 4  
however 1  
identified 1  
identifier 1  
if 1  
illustrate 8  
illustrated 5  
illustrates 9  
implement 1  
implemented 3  
implements 1  
imposed 1  
in 21  
include 1  
indeed 3  
independent 2  
intended 1  
intermediate 1  
invention 11  
iohv 1  
is 19  
it 2  
its 1  
jul 1  
key 1  
knowledge 25  
known 6  
knownr 1  
knows 1  
large 1  
latter 1  
lb 1  
least 1  
level 46  
levels 7  
like 1  
limitatively 1  
limited 3  
limiting 1  
link 2  
locally 10  
long 1  
made 1  
maintenance 1  
make 2  
makes 3  
making 1



management 4  
managing 7  
many 1  
may 2  
means 3  
memory 2  
method 7  
methods 1  
microprocessor 1  
microprocessors 1  
mobile 2  
more 5  
multiapplication 1  
must 1  
name 1  
nchild 1  
necessary 7  
new 5  
ni 7  
no 3  
nor 1  
normally 1  
not 19  
noted 2  
nparent 2  
ntial 1  
number 13  
nvko 1  
obligation 1  
of 84  
offered 2  
oi 1  
old 2  
on 6  
one 8  
ones 1  
only 3  
operation 1  
operators 1  
or 9  
order 8  
organisation 1  
organised 3  
other 1  
others 1  
out 1  
outside 2  
page 17

parent 10  
part 1  
particular 1  
particularly 1  
pass 1  
passing 1  
path 2  
peculiar 1  
per 1  
perform 2  
performed 1  
perged 1  
physically 1  
point 1  
position 1  
positions 2  
possible 3  
precisely 1  
preferentially 1  
present 3  
presentation 22  
presented 7  
preventing 1  
previously 1  
principal 1  
prior 1  
proces 1  
processing 7  
proof 3  
protected 1  
protecting 2  
prove 1  
proved 6  
proving 3  
provision 1  
pto 1  
qbe 1  
rate 1  
reading 1  
rec 1  
record 1  
recorded 2  
reference 21  
referred 1  
refused 1  
refusing 3  
regard 4  
register 48

registers 10  
rejected 5  
relation 1  
relationship 1  
remainder 1  
removed 1  
rep 59  
repl 9  
represented 1  
repsl 7  
repz 9  
require 1  
required 5  
requiring 1  
respectively 2  
results 1  
rg 12  
rgi 6  
ri 1  
right 31  
rights 11  
rise 1  
rminated 1  
root 4  
rule 15  
rules 6  
running 3  
said 3  
same 7  
satisfy 1  
saturated 1  
say 11  
second 1  
secret 82  
secrets 17  
section 1  
securit 1  
security 53  
seeking 8  
selected 5  
selecting 2  
selection 9  
series 1  
service 3  
services 3  
set 3  
several 3  
should 2

similar 1  
simple 1  
simply 1  
since 6  
sing 1  
single 2  
situated 2  
smart 15  
so 5  
solely 1  
soon 1  
sp 1  
speed 2  
stated 1  
step 5  
steps 4  
store 3  
stored 2  
storing 4  
structure 3  
subject 1  
subscription 1  
succeeded 4  
successful 1  
such 5  
system 9  
systems 4  
taken 1  
te 1  
telephone 1  
telephones 1  
terminal 5  
terminated 2  
terminating 5  
terms 1  
th 1  
that 29  
the 288  
them 1  
then 1  
there 2  
therefore 7  
therein 1  
thereof 1  
these 4  
third 1  
this 11  
three 4

through 5  
thus 5  
time 3  
tlva 1  
to 29  
towards 3  
transport 1  
tree 10  
treer 1  
two 2  
type 1  
uchild 2  
uemancipation 1  
under 31  
until 1  
uparent 1  
updated 6  
updates 1  
uroot 1  
use 7  
used 3  
user 1  
users 1  
using 2  
value 3  
varying 1  
verification 5  
verify 1  
verifyin 1  
verifying 11  
view 1  
vww 1  
ways 1  
whatever 1  
when 3  
where 5  
whether 1  
which 20  
whilst 4  
white 1  
will 5  
with 21  
within 11  
without 1  
world 1

09601222 CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09601222 on February 28, 2005

|    |             |  |
|----|-------------|--|
| 19 | 380/30      | (8 OR, 11 XR)  |
|    | Class 380 : | CRYPTOGRAPHY   |
|    | 380/28      | PARTICULAR ALGORITHMIC FUNCTION ENCODING                     |
|    | 380/30      | .Public key  |
| 11 | 713/156     | (2 OR, 9 XR)   |
|    | Class 713 : | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT |
|    | 713/150     | MULTIPLE COMPUTER COMMUNICATION USING CRYPTOGRAPHY           |
|    | 713/155     | .Central trusted authority provides computer authentication  |
|    | 713/156     | ..By certificate   |
| 8  | 380/28      | (3 OR, 5 XR)   |
|    | Class 380 : | CRYPTOGRAPHY   |
|    | 380/28      | PARTICULAR ALGORITHMIC FUNCTION ENCODING                     |
| 6  | 713/155     | (4 OR, 2 XR)   |
|    | Class 713 : | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT |
|    | 713/150     | MULTIPLE COMPUTER COMMUNICATION USING CRYPTOGRAPHY           |
|    | 713/155     | .Central trusted authority provides computer authentication  |
| 6  | 713/171     | (1 OR, 5 XR)   |
|    | Class 713 : | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT |
|    | 713/150     | MULTIPLE COMPUTER COMMUNICATION USING CRYPTOGRAPHY           |
|    | 713/168     | .Particular communication authentication technique           |
|    | 713/171     | ..Having key exchange  |
| 6  | 713/201     | (4 OR, 2 XR)   |
|    | Class 713 : | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT |
|    | 713/200     | SECURITY   |
|    | 713/201     | .Computer network  |
| 6  | 713/202     | (3 OR, 3 XR)   |
|    | Class 713 : | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING                  |

09601222\_CLSTITLES

SYSTEMS: SUPPORT

- 713/200 SECURITY
- 713/202 .Password
  
- 4 235/380 (0 OR, 4 XR)
  - Class 235 : REGISTERS
  - 235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS
  - 235/380 .Credit or identification card systems
  
- 4 713/165 (1 OR, 3 XR)
  - Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: SUPPORT
  - 713/150 MULTIPLE COMPUTER COMMUNICATION USING  
CRYPTOGRAPHY
  - 713/164 .Security kernel or utility
  - 713/165 ..File protection
  
- 4 713/167 (2 OR, 2 XR)
  - Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: SUPPORT
  - 713/150 MULTIPLE COMPUTER COMMUNICATION USING  
CRYPTOGRAPHY
  - 713/164 .Security kernel or utility
  - 713/167 ..Object protection
  
- 4 713/169 (2 OR, 2 XR)
  - Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: SUPPORT
  - 713/150 MULTIPLE COMPUTER COMMUNICATION USING  
CRYPTOGRAPHY
  - 713/168 .Particular communication authentication  
technique
  - 713/169 ..Mutual entity authentication
  
- 4 713/183 (1 OR, 3 XR)
  - Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: SUPPORT
  - 713/182 SYSTEM ACCESS CONTROL BASED ON USER  
IDENTIFICATION BY CRYPTOGRAPHY
  - 713/183 .Solely password entry (no record or token)
  
- 3 235/379 (1 OR, 2 XR)
  - Class 235 : REGISTERS
  - 235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS
  - 235/379 .Banking systems
  
- 3 235/382 (0 OR, 3 XR)
  - Class 235 : REGISTERS

09601222 CLSTITLES

235/375           SYSTEMS CONTROLLED BY DATA BEARING RECORDS  
 235/380           .Credit or identification card systems  
 235/382           ..Permitting access

3   340/5.74       (1 OR, 2 XR)

Class   340 :   COMMUNICATIONS:   ELECTRICAL  
 340/825       SELECTIVE  
 340/5.1       .Intelligence comparison for controlling  
 340/5.2       ..Authorization control (e.g., entry into an  
                   area)  
 340/5.74      ...Access to electrical information

3   380/285       (0 OR, 3 XR)

Class   380 :   CRYPTOGRAPHY  
 380/277       KEY MANAGEMENT  
 380/278       .Key distribution  
 380/283       ..User-to-user key distributed over data link  
                   (i.e., no center)  
 380/285       ...By public key method

3   711/163       (2 OR, 1 XR)

Class   711 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: MEMORY  
 711/100       STORAGE ACCESSING AND CONTROL  
 711/154       .Control technique  
 711/163       ..Access limiting

3   713/152       (0 OR, 3 XR)

Class   713 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: SUPPORT  
 713/150       MULTIPLE COMPUTER COMMUNICATION USING  
                   CRYPTOGRAPHY  
 713/151       .Protection at a particular protocol layer  
 713/152       ..Application layer security

3   713/162       (1 OR, 2 XR)

Class   713 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: SUPPORT  
 713/150       MULTIPLE COMPUTER COMMUNICATION USING  
                   CRYPTOGRAPHY  
 713/162       .Having particular address related cryptograph

y

3   713/172       (1 OR, 2 XR)

Class   713 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: SUPPORT  
 713/150       MULTIPLE COMPUTER COMMUNICATION USING



09601222\_CLSTITLES  
CRYPTOGRAPHY

713/168 .Particular communication authentication  
technique

713/172 ..Intelligent token

2 235/375 (0 OR, 2 XR)  
Class 235 : REGISTERS  
235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS

2 340/5.8 (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE  
340/5.1 .Intelligence comparison for controlling  
340/5.8 ..Authentication (e.g., identity)

2 380/280 (1 OR, 1 XR)  
Class 380 : CRYPTOGRAPHY  
380/277 KEY MANAGEMENT  
380/278 .Key distribution  
380/279 ..Key distribution center  
380/280 ...Control vector or tag

2 380/283 (0 OR, 2 XR)  
Class 380 : CRYPTOGRAPHY  
380/277 KEY MANAGEMENT  
380/278 .Key distribution  
380/283 ..User-to-user key distributed over data link  
(i.e., no center)

2 380/29 (0 OR, 2 XR)  
Class 380 : CRYPTOGRAPHY  
380/28 PARTICULAR ALGORITHMIC FUNCTION ENCODING  
380/29 .NBS/DES algorithm

2 455/419 (2 OR, 0 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/418 .Programming control  
455/419 ..Remote programming control

2 455/433 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/432.1 ..Roaming  
455/433 ...Home location registration (HLR) or visitor  
location registration (VLR) detail

09601222\_CLSTITLES

2 455/551 (0 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail  
 455/551 ..Number assignment module (NAM) detail

2 705/75 (0 OR, 2 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN

ATION

705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY  
 705/64 .Secure transaction (e.g., EFT/POS)  
 705/75 ..Transaction verification

2 705/76 (2 OR, 0 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN

ATION

705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY  
 705/64 .Secure transaction (e.g., EFT/POS)  
 705/76 ..Electronic credential

2 713/150 (0 OR, 2 XR)  
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: SUPPORT  
 713/150 MULTIPLE COMPUTER COMMUNICATION USING  
 CRYPTOGRAPHY

2 713/158 (0 OR, 2 XR)  
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: SUPPORT  
 713/150 MULTIPLE COMPUTER COMMUNICATION USING  
 CRYPTOGRAPHY  
 713/155 .Central trusted authority provides computer  
 authentication  
 713/156 ..By certificate  
 713/158 ...Revocation or expiration

2 713/163 (0 OR, 2 XR)  
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: SUPPORT  
 713/150 MULTIPLE COMPUTER COMMUNICATION USING  
 CRYPTOGRAPHY  
 713/162 .Having particular address related cryptograph

y

09601222\_CLSTITLES

713/163           ..Multicast

2   713/166           (0 OR, 2 XR)  
       Class   713 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                       SYSTEMS:   SUPPORT  
       713/150           MULTIPLE COMPUTER COMMUNICATION USING  
                           CRYPTOGRAPHY  
       713/164           .Security kernel or utility  
       713/166           ..Security levels

2   713/168           (0 OR, 2 XR)  
       Class   713 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                       SYSTEMS:   SUPPORT  
       713/150           MULTIPLE COMPUTER COMMUNICATION USING  
                           CRYPTOGRAPHY  
       713/168           .Particular communication authentication  
                           technique

2   713/193           (0 OR, 2 XR)  
       Class   713 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                       SYSTEMS:   SUPPORT  
       713/189           DATA PROCESSING PROTECTION USING CRYPTOGRAPHY  
       713/193           .By stored data protection

2   713/200           (1 OR, 1 XR)  
       Class   713 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                       SYSTEMS:   SUPPORT  
       713/200           SECURITY

09601222\_CLS

Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09601222 on February 28, 2005

Original Classifications

|   |         |
|---|---------|
| 8 | 380/30  |
| 4 | 713/155 |
| 4 | 713/201 |
| 3 | 380/28  |
| 3 | 713/202 |
| 2 | 455/419 |
| 2 | 705/76  |
| 2 | 711/163 |
| 2 | 713/156 |
| 2 | 713/167 |
| 2 | 713/169 |

Cross-Reference Classifications

|    |          |
|----|----------|
| 11 | 380/30   |
| 9  | 713/156  |
| 5  | 380/28   |
| 5  | 713/171  |
| 4  | 235/380  |
| 3  | 235/382  |
| 3  | 380/285  |
| 3  | 713/152  |
| 3  | 713/165  |
| 3  | 713/183  |
| 3  | 713/202  |
| 2  | 235/375  |
| 2  | 235/379  |
| 2  | 340/5.74 |
| 2  | 340/5.8  |
| 2  | 380/283  |
| 2  | 380/29   |
| 2  | 455/433  |
| 2  | 455/551  |
| 2  | 705/75   |
| 2  | 713/150  |
| 2  | 713/155  |
| 2  | 713/158  |
| 2  | 713/162  |
| 2  | 713/163  |
| 2  | 713/166  |
| 2  | 713/167  |
| 2  | 713/168  |
| 2  | 713/169  |
| 2  | 713/172  |

09601222\_CLS

2 713/193  
2 713/201

Combined Classifications

19 380/30  
11 713/156  
8 380/28  
6 713/155  
6 713/171  
6 713/201  
6 713/202  
4 235/380  
4 713/165  
4 713/167  
4 713/169  
4 713/183  
3 235/379  
3 235/382  
3 340/5.74  
3 380/285  
3 711/163  
3 713/152  
3 713/162  
3 713/172  
2 235/375  
2 340/5.8  
2 380/280  
2 380/283  
2 380/29  
2 455/419  
2 455/433  
2 455/551  
2 705/75  
2 705/76  
2 713/150  
2 713/158  
2 713/163  
2 713/166  
2 713/168  
2 713/193  
2 713/200